

NEWTON RANGE FIRING ORDERS

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MEMORANDUM FOR USERS OF FRA TRAINING FACILITIES

SUBJECT: Firing Orders for Newton Range (Grid UN 59689594)

1. DESCRIPTION: Newton Range is a seven-lane combat pistol qualification course. Each lane has one firing position and seven computer ERETS targets, spaced at various intervals from 13 to 31 meters downrange. The range is equipped with a move out lane and lights for night firing.

2. WEAPONS AUTHORIZED: 9mm pistol, .38 cal. revolver, .357 magnum revolver and .45 cal. revolver.

3. AMMUNITION AUTHORIZED: 9mm ball, .38/357 cal. ball and .45 cal. ball.

4. MEDICAL REQUIREMENTS: A medical aidman is not required; unit commanders may place assigned medical personnel on the range.

5. EQUIPMENT REQUIREMENTS:

- | | |
|---|-----------------------------|
| a. USARAK Regulation 350-2 | Issued by Range Operations. |
| b. Range Firing Orders | Issued by Range Operations. |
| c. Range Flag | Issued by Range Operations. |
| d. FM 23-35 | Furnished by Using Unit. |
| e. FM Radio/ALMR (backup recommended) | Furnished by Using Unit. |
| f. Hearing Protection for each soldier | Furnished by Using Unit. |
| g. Red and White Safety Paddles | Located in the Range Tower. |
| h. Public address system | Issued by Range Operations. |
| i. Flash lights (red and green lens)
(1 ea. For safety personnel when
night firing) | Furnished by Using Unit |

6. PERSONNEL REQUIREMENTS:

- a. Officer-in-Charge, OIC (SSG or above).
- b. Range Safety Officer, RSO (SGT or above)

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c. Safety NCO's on line (number determined by OIC/RSO based on troops to be trained; recommend one per four active firing positions).

d. Tower Operator.

e. Ammunition Guard.

f. Radio Telephone Operator (RTO).

g. Air Guard Spotter.

7. RESPONSIBILITIES:

a. Officer-in-Charge duties are outlined in Annex A of the Firing Orders.

b. Range Safety Officer duties are outlined in Annex B of the Firing Orders.

c. Safety NCO's must control personnel on or near the firing line and ensure no unsafe acts occur.

d. The ammunition guard will monitor the issue and turn-in of all ammunition on the range. The OIC must ensure that unauthorized persons do not take ammunition from the range.

e. The OIC and RSO must both be present on the range during firing. If an administrative check fire is called for the absence of the OIC or RSO, or for any other reason, Range Control must be informed. The RSO must be on and monitor the activity on the firing line when the range is in a "**Hot**" status.

f. The RTO must monitor the net (FM 38:30/ALMR) at all times, responding to communication checks and passing information to the OIC/RSO.

g. The Air Guard Spotters will be located in such a way that the individual can observe airspace and call the unit to a check fire upon the approach of all aircraft.

8. GENERAL INSTRUCTIONS: Equipment receipts from Range Control must be returned following the completion of training.

9. RANGE FIRES: No open fires are authorized on the range. If a fire is discovered in the vicinity of the range, the OIC must check-fire, notify Range Operations, and dispatch troops to extinguish the fire.

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10. POLICE OF THE RANGE: Police of the range is the responsibility of the using unit. The entire range area, to include the buildings and downrange to the first berm, will be policed prior to clearance by Range Control. Trash bags or cans must be provided and removed by the using unit.

NOTE: If firing is completed during the hours of darkness, police can be accomplished at first light of the following duty day.

11. RESTRICTIONS:

- a. Cross-lane firing is not authorized.
- b. Automatic fire is not authorized..

12. Point of Contact is the undersigned: 384-6230.



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Range Facility Manager
Fort Richardson

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c. Safety NCO's on line (number determined by OIC/RSO based on troops to be trained; recommend one per four active firing positions).

d. Tower Operator.

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f. Radio Telephone Operator (RTO).

g. Air Guard Spotter.

7. RESPONSIBILITIES:

a. Officer-in-Charge duties are outlined in Annex A of the Firing Orders.

b. Range Safety Officer duties are outlined in Annex B of the Firing Orders.

c. Safety NCO's must control personnel on or near the firing line and ensure no unsafe acts occur.

d. The ammunition guard will monitor the issue and turn-in of all ammunition on the range. The OIC must ensure that unauthorized persons do not take ammunition from the range.

e. The OIC and RSO must both be present on the range during firing. If an administrative check fire is called for the absence of the OIC or RSO, or for any other reason, Range Control must be informed. The RSO must be on and monitor the activity on the firing line when the range is in a "Hot" status.

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8. GENERAL INSTRUCTIONS: Equipment receipts from Range Control must be returned following the completion of training.

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ANNEX A

DUTIES OF THE OFFICER-IN-CHARGE (OIC)

1. Prior to firing the OIC will ensure that:
 - a. The range or firing position is scheduled for unit use.
 - b. An authorized Range Safety (RSO) has been designated.
 - c. Designated RTO and Air guard Spotters are present.
 - d. Risk assessment/management requirements are completed IAW USARAK REG 350-1 and 350-2.
 - e. A red range flag is flown from the flagpole. For night firing, a blinking red light will be used in place of a flag and range-firing limits will be marked with clearly visible lights.
 - f. Communications have been established with Range Control (FM 38:30/ALMR).
 - g. All equipment required by this directive and/or other regulations are present on the range.
 - h. The danger/impact area for the range is cleared of personnel, wildlife and vehicles.
 - i. All personnel have received a safe handling of ammunition briefing.
 - j. An approved surface danger zone (SDZ) overlay is on hand, if applicable.
 - k. All personnel are aware of the following:
 - (1) The identity and location of range cadre, including OIC, RSO, Safety NCO's on the line, RTO, medic, evacuation vehicle driver, ammo guard and other as required.
 - (2) The requirement to wear authorized hearing protection while on or near the firing line.
 - (3) The firing limits of the facility being used.
 - (4) The correct procedures for marking and reporting duds, if applicable.

- l. Clearance to fire has been granted by Range Control. When requesting clearance to fire, the OIC will provide the information as required by Range/Firing Point Opening and Closing Procedures.
 - m. The evacuation vehicle driver knows the route to the nearest Emergency Facility.
2. During use of the range the OIC will ensure that:
- a. No firing is conducted when visibility requirements for Controlled Firing Area cannot be met.
 - b. Downrange weapon effects are observed to ensure projectiles land within the prescribed range limits.
 - c. Misfires are removed from the weapon only on command of the OIC.
 - d. Weapons are cleared and checked during temporary suspensions of firing.
 - e. Records are maintained on the type of ammunition fired and number of rounds fired.
 - f. A cease-fire is ordered when:
 - (1) Directed by Range Control.
 - (2) Communications with Range Control or road guards is lost. Commo must be regained before firing.
 - (3) A malfunction of a weapon or ammunition occurs. The OIC/RSO will come to a check fire, notify Range Operations, and ensure that nothing is disturbed until the investigation is complete and Range Control lifts the check fire.
 - (4) A safety violation, accident or incident occurs. If necessary, **MEDEVAC** will be requested.
 - (5) A fire is started. Range Operations will be notified, and the OIC will fight the fire as long as troops are not endangered.
 - (6) Units discover wildlife on the range. Necessary action will be taken to ensure their safety.
 - (7) Rounds land or detonate outside the approved safety limits for the range. Range Operations will be informed.
 - g. While the range is in a **HOT** status, both the OIC and RSO must be present on the range. During a check fire either the OIC or RSO must remain on the range. Range

Control must be informed of these check fires. The RSO must be on and monitor the activity on the firing line when the range is in a **HOT** status.

3. After use of the range, the OIC ensure that:

- a. All weapons are cleared of ammunition before departure from the firing line.
- b. All ammunition is removed from personnel before departure from the range.
- c. Ammunition is not abandoned, buried, or otherwise disposed of in an unauthorized manner.
- d. All expended brass is collected for turn-in to the ASP.
- e. The range is policed.
- f. All items in section two of the Opening/Closing procedures are completed.

ANNEX B

DUTIES OF THE RANGE SAFETY OFFICER (RSO)

1. The RSO is responsible to the OIC and the commander for the safe operation of the range and will have no other duties.
2. The RSO must be thoroughly familiar with applicable portions of AR 385-63, USARAK Reg. 350-2, this directive, and Field and Technical manuals pertinent to the firing being conducted.
3. The RSO is responsible for the following and must verify to the OIC that the requirements have been met:
 - a. RSO will be in a position to maintain positive control of the safe range operations at all times.
 - b. Personnel movement on and around the firing line or gun line.
 - c. Vehicle and personnel movement on and around the range or firing point.
 - d. Alignment and handling of weapons on and around the firing line or gun line.
 - e. Handling of ammunition: Insure proper controls are established.
 - f. Clearance of weapons: Onto and off of the firing line.
 - g. Controls of smoking areas and materials.
 - h. Control of batteries, filters, and adapters for laser devices.
 - i. Placement and control of guards, barriers, and signs as required.
 - j. Observation of downrange areas for unauthorized personnel, vehicles, or aircraft.
 - k. Prevention of cross-lane firing or firing at other than authorized targets.

ANNEX C

TROOP BRIEFING

The OIC/RSO will brief all soldiers on the hazardous associated with the use of this facility prior to requesting **HOT** status from Range Operations. This is a general list and does not preclude the unit from emphasizing other areas of concern.

- a. Movement on the range.
- b. Weapons/ammo malfunctions.
- c. Safe handling of weapons/ammo.
- d. Duds (reporting and marking).
- e. Conduct while on the firing line.
- f. Hearing conservation.
- g. Firing limits and rounds observed out of the approved firing limits.
- h. Personnel, vehicles, or aircraft downrange.
- i. Animals on the range.
- j. Range fires.
- k. Medical emergency procedures.
- l. Command & Control (duties of OIC & RSO).

NOTE: Anyone observing an unsafe act will immediately issue the command “**CEASE FIRE**” however only the Range OIC or RSO (after investigating the situation and taking necessary actions) will give the command to resume firing.

ANNEX D

MEDEVAC SUPPORT

1. When ground vehicles would not provide acceptable service, a helicopter for aero MEDEVAC will be provided. Units will contact Range Control on frequency modulation (FM) 39.30/ALMR to request MEDEVAC assistance. Range Control will coordinate with the responsible agency/unit to activate and establish a line of communication to enable the MEDEVAC. The MEDEVAC aircraft will contact Range Control to either monitor and respond on Range Control frequency FM 38.30/ALMR. Once the MEDEVAC is in progress, units will be directed by Range Control to either monitor and respond on Range Control frequency FM 38.30/ALMR or switch to the MEDEVAC frequency of FM 40.50/ALMR. For adequate preparation before evacuation, the following information must accompany a request for aero MEDEVAC:

1. Location of pickup site (grid coordinates with common name, if available (i.e. Firing Point 28)).
2. Radio frequency, call sign and suffix.
3. Number of patients, by precedence.
4. Special equipment required.
5. Number of patients by type (litter or ambulatory).
6. Number and type of wounds.
7. Method of marking pickup site
8. Status (Military or Civilian).
9. Terrain description.

2. Range Control will monitor FM 40.50/ALMR and assist MEDEVAC personnel in the following manner:

- a. When necessary, live fire facilities will be placed in a check fire situations to allow the helicopter to enter the area (this includes operations within the restricted area).
- b. Provide landmark information and grid coordinates to aid the pilot in reaching the reported incident. This information includes a description of the loading zone (LZ), how the LZ is marked and any hazards in the vicinity of the LZ.

NOTE: Range Control will also contact the Ground Emergency Response Team (911) and report the incident and location.